

THE COUNCIL FOR TOBACCO RESEARCH--U.S.A., INC.

New Application No. 955

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955  
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This is on "Agents which alter the transport, storage and distribution of nicotine". In addition to that, he is interested in delineating the sequence of events important for the transfer and/or release of biogenic amines by nicotine.

This is a well-plowed field. He has to be extremely original to make an impact. What is at stake is an investigation into the different ways in which nicotine is stored, concentrated and accumulated in brain tissue, studies which have been primarily performed in Sweden. The technique will consist of brain sections and  $^{14}\text{C}$ -labelled compounds such as serotonin,  $^{14}\text{C}$ -nicotine, etc.

The experimental approach is to use pharmacological agents on nicotine efflux on the examination of the effects of nicotine, on its distribution and its antagonists and anolox, on the interaction between nicotine and other amines.

I do not think that this is a very original work. It is not bad, and it is not very good. 3-4 on scientific merit, and 3-4 on relevance.

  
R. J. Bing, M.D.

RJB:cc

cc: Drs. Gardner, Liebow and Nordsiek

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